

# DX News

\* Serving DX'ers since 1933 \*

Volume 64, No. 7 - November 18, 1996 (ISSN 0737-1659)



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### CPC Test Calendar

|        |    |      |         |           |
|--------|----|------|---------|-----------|
| (WYTI) | VA | 1470 | Nov. 9  | 0000-1230 |
| KALM   | MO | 1290 | Nov. 18 | 0100-0130 |
| KKOJ   | MN | 1190 | Nov. 18 | 0130-0200 |
| WTMY   | FL | 1280 | Nov. 23 | 0000-0030 |
| WBRD   | FL | 1420 | Nov. 23 | 0030-0010 |
| WWCN   | FL | 770  | Nov. 24 | 0300-0400 |
| CHUC   | ON | 1450 | Dec. 1  | 0000-0100 |
| KGWV   | MT | 640  | Dec. 1  | 0200-0230 |
| WWCN   | FL | 770  | Dec. 1  | 0300-0400 |
| WWCN   | FL | 770  | Dec. 8  | 0300-0400 |
| KAAM   | TX | 620  | Dec. 9  | 0200-0230 |
| KSTL   | MO | 690  | Dec. 14 | 0300-0330 |
| WWCN   | FL | 770  | Dec. 15 | 0300-0400 |
| WSAF   | GA | 1180 | Dec. 16 | 0230-0300 |
| KPOF   | CO | 910  | Dec. 21 | 0200-0230 |
| WWCN   | FL | 770  | Dec. 22 | 0300-0400 |
| WWCN   | FL | 770  | Dec. 29 | 0300-0400 |
| KIYU   | AK | 910  | Dec. 29 | 0500-0530 |
| KJSL   | MO | 630  | Dec. 30 | 0300-0330 |

(IRCA's Lynn Hollerman, who sends out notice of IRCA CPC tests, got notice of a last-minute, rescheduled test from WYTI out to many E-mail recipients a day before the event.

WYTI-1570 - P.O. Box 430 Rocky Mount, VA 24151 was to conduct a rescheduled DX test at 5,000 watts nondirectional using a new 200+ ft tower between 12:00 and 12:30 am EST Saturday, November 9. The test was to include Morse code IDs, test tones, voice IDs, and bluegrass music. Reception reports may be sent to Mr. Earl Shelton, Operations Manager. Arranged by J. D. Stephens for the IRCA CPC.)

CHUC-1450 - P.O. Box 520 Cobourg, ON K9A 4L3 Canada <<jton@eagle.ca>> will conduct a DX test with 1,000 watts between 12:00 and 1:00 am EST Sunday, December 1. The test will include Morse code ID's and voice ID's. Reception reports may be sent to Mr. John Ton, Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

KPOF-910 - 3450 West 83rd Avenue - Westminster, CO 80030-4006 <<RBDI@ix.netcom.com>> will conduct a DX test at 1,000 watts directional between 2:00 and 2:30 am EST Saturday, December 21. The test will include Morse code IDs, march music, and test tones. Reception reports may be sent to Dr. Robert B. Dallenbach, Ph.D., Vice President and General Manager, KPOF-AM. Arranged by J. D. Stephens for the IRCA CPC.

KIYU-910 - P.O. Box 165 Galena, AK 99741 <<RZKIYU@tundra.alaska.edu>> will conduct a DX test at 5,000 watts nondirectional between 5:00 and 5:30 am EST. Sunday, December 29. The test

will include Morse code IDs. Reception reports may be sent to Mr. Robert Sommer, General Manager. Arranged by J. D. Stephens for the IRCA CPC.

A correction from J. D. Stephens on a previous E-mail address: The E-Mail address for the CE at KAMA and KBNA is 71210.2074@compuserve.com (not 2024).

From the Publisher ... It should be moderately evident that we had to fill a bit this time to get everything to fit into 24 pages. Editors of non-weekly columns: now is NOT the time to be holding back! 73.

### DXN Publishing Schedule, Volume 64

| Iss. | Deadline | Pub. Date | 19. | Feb. 14  | Feb. 24  |
|------|----------|-----------|-----|----------|----------|
| 8.   | Nov. 15  | Nov 25    | 20. | Feb. 21  | Mar. 3   |
| 9.   | Nov. 22  | Dec. 2    | 21. | Feb. 28  | Mar. 10  |
| 10.  | Nov. 29  | Dec. 9    | 22. | Mar. 7   | Mar. 17  |
| 11.  | Dec. 6   | Dec. 16   | 23. | Mar. 14  | Mar. 24  |
| 12.  | Dec. 13  | Dec. 23   | 24. | Mar. 28  | Apr. 1   |
| 13.  | Dec. 27  | Jan. 7    | 25. | Apr. 11  | Apr. 21  |
| 14.  | Jan. 3   | Jan. 13   | 26. | May 9    | May 19   |
| 15.  | Jan. 10  | Jan. 20   | 27. | June 13  | June 23  |
| 16.  | Jan. 17. | Jan. 27   | 28. | July 11  | July 21  |
| 17.  | Jan. 24  | Feb. 3    | 29. | Aug. 8   | Aug. 18  |
| 18.  | Feb. 7   | Feb. 17   | 30. | Sept. 12 | Sept. 22 |

### DX Time Machine

From the pages of DX News:

50 years ago ... from the November 16, 1946 DXN: Ray Moore, Manchester, MA, reported that split-frequency LA's YV4RR, Puerto Cabello, Venezuela, on 1304 kHz, and CMKY, Puerto Padre, Cuba, on 1352 kHz were being heard nightly after 5:30 and 5:45 pm, respectively.

25 years ago ... from the November 20, 1971 DXN: Publisher Gordon P. Nelson's car was broken into while he was delivering DXN to the printer, with the main loss being 20 pieces of incoming NRC mail, including four new joins ... J. Alex Bowab, Jackson, MI reported that he was a civilian and managing WKXI-FM ... the VOA-1178 test made it to the east coast, with DX'ers George Kelly, Ray Moore, and Gordon Nelson hearing it ... eleven individuals were given credit for helping publish the previous edition of DXN.

10 years ago ... from the November 17, 1986 DXN: Jerry Starr couldn't find an address for WTPS, Hughesville, PA, as they were only relaying WTPS-FM, Muncy, PA, and all of their phones were disconnected ... Richard E. Wood, Hilo, HI reported hearing four Alaskans: KYUK-640, KASH-1080, KCSY-1140, and KRKO-1300, not to mention other catches from other continents.

**Jerry Starr**  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

*Status changes in AM stations, supplied by the FCC and listeners*

**CALL LETTER CHANGES**

| <i>Old call</i> |                       | <i>New call</i> |
|-----------------|-----------------------|-----------------|
| 970 KBBT        | OR Portland           | KUPL            |
| 980 KUTI        | WA Selah              | KCHT            |
| 1060 KHYM       | TX Gilmer             | KBNB            |
| 1150 WROR       | MA Boston             | WNFT            |
| 1150 CKIQ       | BC Kelowna            | CKFR            |
| 1200 WDCQ       | FL Pine Island Center | WTLQ            |
| 1240 WBLZ       | MS Southaven          | WAVN            |
| 1280 KDUK       | OR Eugene             | KRVM            |
| 1290 WAMX       | MI Saline             | WDEO            |



AM 1010 FM 101.7  
ART SHANNON  
SUGAR RIVER BROADCASTING, INC.  
27 WEST STREET  
NEWPORT, NEW HAMPSHIRE 03773  
603 863-1010

**APPLICATIONS FOR NEW STATIONS**

|         |                           |
|---------|---------------------------|
| 1240 AK | Cape Romanzof: 50/50 U1   |
| 1240 AK | Indian Mountain: 10/10 U1 |

*Note:* These applications were uncovered while we were checking the FCC's on-line database; neither had a filing date indicated. They may be synchros for the Seward, AK application shown last issue or some left over AFRTS listings that the FCC never purged from the database. The FCC has been known to leave very old information floating in their database for years. We have not been able to find a map of sufficient resolution to locate either of these towns. (Indian Mountain, the actual mountain, is about 25 miles w. of Hughes, in central Alaska. Cape Romanzof is between Scammon Bay and Kokechik Bay, about 100 miles n. of Nunivak Is., if anyone cares! -pls)

**GRANTS FOR NEW STATIONS**

None

**APPLICATIONS FROM EXISTING FACILITIES**

|           |   |
|-----------|---|
| 540 WWCS  | PA Canonsburg: day power to 3600 watts  |
| 620 WHJB  | PA Greensburg: 113/350 U1   |
| 630 WDGY  | WI St. Paul: 900/130 U4, city of license to Hudson, WI (original application for 900/315 was returned by the FCC, station is reapplying with lower night power) |
| 1060 WBIV | MA Natick: 40000 D3   |
| 1320 KXYZ | TX Houston: 5400/5400 U2  |

**GRANTS TO EXISTING FACILITIES**

|           |  |
|-----------|--|
| 860 KOSE  | AR Osceola: city of license to Wilson, AR  |
| 1030 WONQ | FL Oviedo: 10000/1700 U4   |
| 1090 WKCV | TN Kingsport: CH power to 1800, relocate transmitter site  |
| 1090 CKRX | AB Lethbridge: move to 95.5 FM, will surrender AM license if approved  |
| 1160 WPVG | MD Funkstown: night power to 240 watts, relocate transmitter site (station is presently silent)  |
| 1280 CHRБ | AB to 1140 kHz with 50000/46000 U4   |
| 1300 WNQM | TN Nashville: 50000/5000 (3800 CH) U2 (corrects a typo in Issue 5 that gave night power as 500 watts)  |
| 1340 WYCK | PA Wilkes-Barre: 810/810 U1, relocate transmitter site, city of license to Plains, PA  |
| 1410 WMYQ | MS Newton: to 1100 kHz with 1000/870 U1  |
| 1470 WBUL | KY Fort Knox: 760 D1, city of license to Shepherdsville, KY (very odd, this station was granted a move to Shepherdsville many years ago and until recently all services indicated this city of license. The COL recently reappeared as Fort Knox in the FCC database and, now, a move back to Shepherdsville. We |

J. B.'s Brain Teaser: The United States Standard Radio frequency band includes:

540-1610 kHz    535-1705 kHz    530-1810 kHz

suspect this is the FCC's way of cleaning up a very old database oversight)

**OTHERNESS**

|           |  |
|-----------|--|
| 710 KFIA  | CA Carmichael: CP for 25000/1000 U4 is on  |
| 730 CJNR  | ON Blind River: has been granted a move to 94.1 FM and, along with CKNR-1340 and CKNS-930, will surrender their AM licenses once the FM is operational   |
| 890 KGGN  | MO Gladstone: new station has been conducting on-the-air testing   |
| 980 KICA  | NM Clovis: CP for 1000/110 U1 is on  |
| 1030 WONQ | FL Oviedo: CP for 10000/1700 U4 is on  |
| 1060 KBNB | TX Gilmer: station is SILENT pending a sale  |
| 1140 CHRБ | AB High River: station is now here, ex 1280 kHz, replaces CFXL Calgary which has moved from 1140 kHz to FM, the 1280 kHz facility is still operating with a repeating message to tune to 1140, this will obviously be terminated soon  |
| 1170 WKPA | VA Lynchburg: CP to reduce power to 2500 watts has been CANCELLED  |
| 1270 WWCA | IN Gary: silent station is ON THE AIR  |
| 1360 KZIQ | CA Ridgecrest: station is SILENT   |
| 1430 WMAK | TN Madison: silent station was noted testing in July, has been ON THE AIR again announcing "equipment tests"   |
| 1450 WIBM | MI Jackson: silent station is scheduled to return in December 1996   |
| 1470 WCFJ | IL Chicago Heights: silent station is ON THE AIR but operating daytime only  |
| 1470 WICT | PA Farrell: reports that this silent station is back on are in error, I can see their three towers from my backyard so should be able to hear them if they return, still silent 11-5   |
| 1480 KGOE | CA Eureka: station is relaying programming from KGO-810 San Francisco, CA  |
| 1540 WNWR | PA Philadelphia: CP to add 500 watt nights, city of license to Bala Cynwyd, PA has been CANCELLED (another oddity, we have received numerous reports that WNWR has indeed been operating at night for some time but according to the FCC this CP was cancelled 10-15-96, how about it Philly members?) |
| 1550 KQXI | CO Arvada: CP for 10000/5000 U2 is DISMISSED   |

THANKS: Ed Krejny, Al Merriman, Wayne Heinen, Jamie Tiessen & MSJ  
73 and Good DX, Jerry Starr & Buffalo K. Foonman

*Jimmy & BKF*

**Geomagnetic Summary** Phil Bytheway bytheway@ATK.com  
7905 Mary NW  
Seattle, WA 98117-2334

*High "A" values indicate possible auroral conditions*

**Geomagnetic Summary September 20 1996 through October 2 1996**

GEO - Geomagnetic activity    pca - polar cap absorption  
maf - major flare    SA - Solar Activity  
mas - major storm    spe - satellite proton event  
ms - minor storm    ss - severe storm

| <i>Date</i> | <i>FLUX</i> | <i>A</i> | <i>K</i> | <i>SA</i> | <i>GEO</i>      | <i>OTHER</i> |
|-------------|-------------|----------|----------|-----------|-----------------|--------------|
| 9/20        | 69          | 29       | 5        | very low  | quiet-mis       | -            |
| 21          | 70          | 20       | 2        | very low  | quiet-active    | -            |
| 22          | 69          | 16       | 3        | very low  | quiet-active    | -            |
| 23          | 70          | 23       | 3        | very low  | quiet-mis       | -            |
| 24          | 70          | 8        | 2        | very low  | quiet-active    | -            |
| 25          | 71          | 9        | 5        | very low  | unsettled-mis   | -            |
| 26          | 70          | 22       | 4        | very low  | unsettled-mis   | -            |
| 27          | 70          | 15       | 1        | very low  | quiet-active    | -            |
| 28          | 71          | 15       | 2        | very low  | quiet-mis       | -            |
| 29          | 70          | 7        | 1        | very low  | quiet-unsettled | -            |
| 9/30        | 70          | 3        | 1        | very low  | quiet           | -            |
| 10/ 1       | 70          | 2        | 1        | very low  | quiet           | -            |
| 10/ 2       | 70          | 7        | 2        | very low  | quiet-unsettled | -            |

AM 1320  
WARA  
Inland Cable  
Communications  
8 North Main Street • Attleboro, MA 02703

# Domestic DX Digest

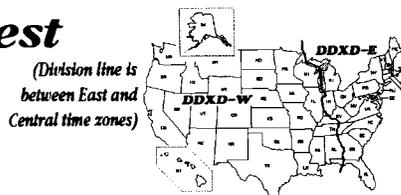
West: Bill Hale billhale@wazoo.com

301 Boulder Bluff - San Marcos, TX 78666-8350

East: David Yocis DavidYocis@aol.com

David Yocis - 97 Clinton Ave. - South Nyack, NY 10960

**DX Catches in the U. S. and Canada, with 24-hr. ELT**



## DDXD-West

### MEDIUM WAVE RAMBLINGS

- Welcome to new reporter Bill Collins of Prairie Village, Kansas, who has some words of wisdom on the 1470 (1570) question raised by John Reed in Issue 4, plus a couple of unIDs of his own.
- Thanks to Morris Sorensen and Richard Turner for GY Updates.

### REPORTERS

|        |                    |   |   |
|--------|--------------------|---|---|
| BR-CA  | Bruce Reynolds     | San Jose  | GE Superadio II   |
| AB-CA  | Art Blair          | Orangeville                                       | NRD-515 + Palomar Loop  |
| JR-OK  | John Reed, KA5QEP  | Ponca City  | modified Sylvania R1414/URR + noise reduced wire, Kiwa MW loop, ANC-4 phasing <jtreed@juno.com>   |
| SA-MB  | Shawn Axelrod      | Winnipeg  | ICOM ICR-70 with Filter Mods and Plam Board + 4 Foot Box Loop / Quantum Loop / 100 Foot Long Wire <saxelrod@mb.sympatico.ca>  |
| BK-CA  | Bob Karchevski     | Sunnyvale   | Drake R8-A with SM-1 loop <karchev@nt.com>  |
| KW-WI  | Kent Winrich       | Waukesha  | GE SR III +homebrew 17" loop <kwin@execpc.com>  |
| BC-KS  | Bill Collins       | Prairie Village                                   |   |
| RO-AK  | Rod O'Connor       | Kodiak  |   |
| CK-CO  | Chris Knight       | Firestone   | Superadio III barefoot  |
| CK-CO2 | Chris Knight       | Beverage site near Denver IAP (with John Wilkins) | Kenwood R- 1000, 900' unterminated SSE/NNW Beverage   |
| RR-IL* | Robert Kramer      | Chicago   | rx: R-5000, R-1000, HQ-129X; ant: KIWA Loop, 2 Radio West Loops, Super MWDX-5A phasing unit, 90' NNE-SSW wire, 40db pre-amp; audio filters: Kantronics Signal Enforcer, MFJ-752C, Timewave DSP-59+ digital signal processor, JPS NIR-10 digital signal processor, Radio Shack DSP |
| INET   | Internet resources |   |   |
| Ed.-   | Editor             |   |   |

### KNNS

7401 W. CAMELBACK  
PHOENIX, AZ 85033-1499

### SPECIAL

|      |      |    |  |
|------|------|----|--|
| 560  | KVOK | AK | Kodiak - Is now satellite oldies (ABC, I believe) with local call-in Hotline from 10-11 AM AST. They also add Art Bell overnight. 90% automated. (RO-AK)   |
| 680  | KBRW | AK | Barrow - 10/16 - Is off the air due to a fire which destroyed their transmitter building. From the AP report sent by Rod O'Connor: "Reports from Barrow say by the time firefighters reached the transmitter building ten miles out of town the building was burned to the ground. The station's FM transmitter is in a different location and was not affected." Rod comments that "They are using their 100 watt FM to serve Barrow, but the rest of the North Slope, Arctic Coast and Northwest Alaska is without radio." |
| 970  | KUPL | OR | Portland - 10/30 0100 - Ex:KBBK, noted with this call and C&W oldies, and the slogan <i>Straight Country</i> . (BR-CA)   |
| 1050 | WLIP | WI | Kenosha - 11/2 1500 - Now with NOS. (KW-WI)  |
| 1530 | KWTR | TX | Creedmoor - 11/1 - Changed from weather format to CNN News. (INET)   |
| 1560 | WGLB | WI | Port Washington - 11/1 1400 - Now with GOS. (KW-WI)  |

### UNIDs and UNID HELP

|      |       |    |  |
|------|-------|----|--|
| 710  | KMBR? | ND | Bismarck- 11/2 1925 - ID as <i>The Best Country is Here at 7-10 Stereo</i> . (KW-WI)   |
| 750  | UNID  | ?? | - 11/2 2250 - <i>More music on 96</i> . (KW-WI)  |
| 930  | WBCK? | ?? | - 11/2 1820 - <i>One on One Sports</i> . Ad for an event at the Kellogg Arena. (KW-WI) |
| 1140 | UNID  | ?? | - (no date) 2240 - SS station IDing as <i>Radio Victoria</i> . (BC-KS)                 |

|      |      |    |  |
|------|------|----|--|
| 1470 | KZBK | MO | Brookfield - Is relayed by KLTJ (1560) Macon, Missouri. May have been John Reed's unID in Issue 4. (BC-KS) |
| 1530 | UNID | ?? | - (no date) 2300 - Oriental station over WRVA. (BC-KS) (?? -pls)   |
| 1560 | UNID | ?? | - 11/2 1825 - With gospel. (KW-WI)   |

### DX AND EQUIPMENT TESTS

|      |       |    |   |
|------|-------|----|---|
| 770  | WWCN- | FL | North Fort Myers - 11/3 0330-0400 - Nothing heard that might have been a station testing. Did hear Kkob-NM dominant, with KNWX-WA in behind (new for me). Also KFMB-760 slop present. Semi-local KCBC not heard-must have been off. (BK-CA) |
| 1220 | WIMN- | MN | Stillwater - 11/4 0130-0200 - Only local KDFC with a woman telling the story of <i>Beauty and the Beast</i> . (BK-CA)   |

### MIDNIGHT TO 0800 HOURS ELT

|      |      |    |  |
|------|------|----|--|
| 770  | KNWX | WA | Seattle - 10/27 0915 - KCBC was slow going to day pattern/power, leaving this one loud & clear with all-news. (BR-CA)                        |
| 850  | KHLO | HI | Hilo - 10/27 0854 - Heard for the first time this season, in the clear briefly, with rock oldies. (BR-CA)                                    |
| 920  | KSHO | OR | Lebanon - 10/27 0900 - Best reception to date of this one. Atop the channel with ID. (BR-CA)   |
| 1210 | KQTL | AZ | Sahuarita - 10/21 0303 - Good on peaks, with SS ranchera/romantica music. In KGYN null. Slogans given as <i>Radio Rumbo</i> . CL ID. (CK-CO) |
| 1300 | KROP | CA | Brawley - 10/21 0248 - Fair, with ID as 13 <i>Hundred KROP</i> into Randy Travis C&W song. (CK-CO)   |
| 1560 | KZIZ | WA | Sumner - 10/27 0958 - All alone, with gospel music and ID as the <i>Z-Twins</i> . (BR-CA)  |

### 0800 TO 1600 HOURS ELT

|     |      |    |   |
|-----|------|----|---|
| 540 | CBK  | SK | Regina - 10/24 0913 - Weather for Regina, Churchill, Windsor, etc. (AB-CA)  |
| 590 | KUGN | OR | Eugene - 10/24 0859 - KUGN <i>Eugene-Springfield</i> ID, then news at 0900. (AB-CA)   |
| 650 | WKKQ | MN | Nashauk - 11/3 0843 - <i>Jerry Schuster for Minnesota Senate</i> ad. WKKQ forecast brought to you by <i>Arrow Auto in Virginia</i> , and <i>Village Glass on the Beltline in Hibbing</i> . Slogan <i>The Northlands Original</i> , WKKQ. (KW-WI)  |
| 680 | CJOB | MB | Winnipeg - 11/3 0850 - <i>Eastwood Jeep/Eagle</i> ad. 1424 Regent Ave West, 661-5337. <i>Here is New Kid In Town (Eagles)</i> on CJOB. (KW-WI)  |
| 850 | WWJC | MN | Duluth - 11/3 0832 - Ad for <i>Lenden Auto Body</i> , 332 West 4th Street in Duluth. Phone: 722-4741. Gary Yoder with the Mission Network. For <i>Minnesota news</i> , call 800-995-4825. POL ad for <i>Jerry Schuster</i> , candidate for Minnesota Senate. <i>Morning Chapel</i> with <i>Norm Nelson</i> at 8:30. Forecast for the <i>Twin Ports</i> . New. (KW-WI) |
| 890 | KDXU | UT | St. George - 10/24 0834 - <i>Paul Harvey News</i> . Slogan <i>Newstalk 890</i> at 0835. (AB-CA)   |
| 970 | KJLT | NE | North Platte - 10/29 0810 - NE local news and weather. (JR-OK)  |

### 1600 TO 2400 HOURS ELT

|     |      |    |  |
|-----|------|----|--|
| 550 | WCKY | OH | Cincinnati - 11/2 1900 - <i>Talk Radio AM 5-50 WCKY, Home of the Bengals</i> . ABC News. New here. (KW-WI)   |
| 570 | WKYX | KY | Paducah - 11/2 1906 - <i>News/Talk WKYX</i> . POL ad for <i>Clay Nichols</i> for district judge. <i>Michael Reagan Show</i> . (KW-WI)  |
| 580 | WKTY | WI | La Crosse - 11/2 2330 - Promo for <i>Packers</i> and <i>Lions</i> pregame show starting at 10:30. <i>One on One Sports</i> (Change of format?). <i>The Coolee Region</i> . (KW-WI)   |
| 660 | WVAL | MN | Sauk Rapids - 11/2 1932 - <i>Rockin 101</i> . Ad for <i>Coca Cola Free Run</i> . Into <i>Metallica</i> . New. (KW-WI)  |
| 680 | KNBR | CA | San Francisco - 11/2 2349 - <i>Cal</i> and <i>Arizona</i> playing in Berkeley. <i>Bruce McGallagher</i> reporting. (KW-WI)   |
| 730 | WFMW | KY | Madisonville - 11/2 1930 - Ad for <i>Norman-Boggis Buick</i> in downtown Madisonville. <i>Now Ricochet on 7-30 WFMV</i> . Called Station, said running 353 watts. Verie contact is <i>Danny Koeber</i> , Program Director. (KW-WI) |
|     | KDAZ | NM | Albuquerque - 10/27 2032 - 700 Club with call ID. (JR-OK)  |
| 750 | KOAL | UT | Price - 10/27 2041 - Sports talk, ad for tires, and call ID. In phase null of  |

- WSB. (JR-OK)
- 850 KHHO WA Tacoma - 10/25 2020 - Atop channel, with high school football report. Uses the odd slogan *K-H-2-O*, which had me confused about the call until Phil Bytheway straightened me out. (BR-CA)
- 800 KXIC IA Iowa City - 11/2 1821- KXIC ID. High school football ?? vs. Williamsburgh. (KW-WI)
- 900 KFAL MO Fulton - 11/2 1755 - Pizza Hut delivery ad 310-1010. John Hardy talking about cruise to Caribbean, 648-4488: Sweetheart Cruise. AM 900 KFAL. C&W. New. (KW-WI)
- 990 WIVK TN Knoxville - 11/2 1952 - Ad for Jack Nelson Olds on Highway 321 in Lower City. Ads for CDS Telecon, 671-2100 and Health South Center at 558-4488. *News/Talk 9-90*. High school football. (KW-WI)
- 1000 KKIM NM Albuquerque - 10/29 1930 - Religious talk show, call ID. (JR-OK)
- 1030 WSFZ TN Memphis - 10/30 2055 - Ad for a Memphis sports club, call ID. (JR-OK)
- 1190 KFEZ MO Kansas City - 10/31 2120 - Call ID, ads for Kansas City Realtors, NOS music. (JR-OK)
- 1210 KOKK SD Huron - 11/2 1813 - *Republican Headquarters* at 352-6693. South Dakota Community Foundation report. Jeff Duffy reporting for KOKK. Hospital report. (KW-WI)
- 1250 KEZQ AR Little Rock - 10/31 2140 - NOS/EZL music with call ID. (JR-OK)
- 1260 WIBV IL Belleville - 11/2 1748 - Jeff Rogers with sports. Talk about spending \$50,000 to move a tree. Promo for *Sportswatch* with Jim Hartstein. WIBV traffic. (KW-WI) [Kent, this is correct city - Ed.]
- KWYR SD Winner - 11/02 1850 - Fair-to-good signal, with traditional country and western music. Now using *Country Twelve Sixty* ID's. (SA-MB)
- 1300 KGLO IA Mason City - 11/2 1810 - *Final weekend of high school Football; Northwest Manchester vs. Mason City Newman* game on KGLO. James Brack political ad talking about soccer fields. News, with story about accident on hwy 18 killing local high school boy. (KW-WI)
- 1340 KRLV NV Las Vegas - 10/25 2000 - Faint ID heard atop the channel. (BR-CA)
- 1370 KPOS TX Post - 10/12 2303 - With *KPOS Bulletin Board* with many Lubbock mentions. Good signal. New! (CK-CO2)
- 1500 WTOP DC Washington - 11/2 2324 - *Weekly Book Review of Making of a Country Lawyer* available at Maryland Book Exchange in College Park. New. (KW-WI)
- WLQV MI Detroit - 11/2 2208 - Religious talk about Wayne County. (KW-WI)
- WOOO IN Shelbyville 11/2 2237 - Shelby County weather. WOOU AM 15-20. New Three new stations on 1500 in one night! (KW-WI)
- 1520 KMPS MO Sikeston - 11/2 2239 - High School football. Ad for a heating company at 471-2080. (KW-WI)
- 1580 KDOM MN Windom - 11/01 1935 - Very strong signal, with local Eagles High School football. NOT running their nighttime 2 watts. (SA-MB)
- 1590 WIXK WI New Richmond - 11/2 1800 - *Real Country weather, I'm Jeff Peterson. WIXK Real Country 15-90 and 107 FM New Richmond, Hudson, Stillwater.* (KW-WI)
- 1600 WBLY OH Springfield - 11/2 1758 - Weather for Springfield, Mike Davis with the weather. (KW-WI)
- 1630 KXBT CA Vallejo - 11/2 2330 - *Solid Gold Old. Dancin' in the Streets.* OK, I'm the last to FINALLY get them. (KW-WI)

### GRAVEYARD DX UPDATE

| Totals:                            | 1230 | 1240 | 1340 | 1400 | 1450 | 1490 | Total |
|------------------------------------|------|------|------|------|------|------|-------|
| Richard W. Turner N. Dartmouth, MA | 12   | 9    | 3    | 9    | 9    | 8    | 50    |
| Morris Sorensen Kemptville, ON     | 2    | 4    | 2    | 2    | 5    | 3    | 18    |

### ABBREVIATIONS USED IN DDXD

/ :parallel to :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel LSR:local sunrise LSS:local sunset NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PRI:Public Radio International PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise

skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID



### DDXD-East

Deadlines: Weekly on Tuesdays.

### STATION NEWS

- 590 WLVA VA Lynchburg - 10/20 1835 - NOS music, ID as WLQE which is 880 kHz Moneta VA. "The Lake". (WM-MD) [Station had been reported silent this summer. - DY]
- 600 WPDQ FL Jacksonville - Per local newspaper, will switch from NOS to all- SPT "AM 600, The Ball" as of 11/4. Call letters the same for now, request for WTBL was refused. Owned by SFX, as is Jacksonville Jaguars flagship WOKV-690, and may simulcast Jaguars programming. Will carry Prime Sports Network from 1900-0600. (LG-FL)
- 820 WQIX NY Horseheads - 11/4 - Re: DY-NY's "WDCR/WDCI" log here: this station is simulcasting FM 100.9, WPGI, which matches up with what you heard. Probably not the AM calls of record, though I didn't listen at the top of the hour. Format is C&W; audible in CHAM null. (JR-NY) [Thanks, Jim. - DY]
- 970 WVOJ FL Jacksonville - Has dropped SS-language programs for a mix of news and sports talk. (LG-FL)
- 1150 WNFT MA Boston - 10/27 1000 - Ex-WROR etc., KidStar programs. (SM- MA)
- 1170 WRWD NY Cornwall-on-Hudson - 11/6 1130 - Has not yet changed calls to WWLE as announced. Still C&W // 107.3 FM. (DY-NY)
- 1200 WKOX MA Framingham - Now ETH days, TLK nights. (SM-MA)
- 1210 "KYW" PA Philadelphia - 10/26 0000+ - KYW shifted to 1210 during maintenance period, with WPHT and KYW ID. An interesting tape! (JR-NY)
- 1340 WMBO NY Auburn - 10/28 1725 - Absolutely local-like signal at this time for several minutes, with CNN News feed. Must have dropped OLD. (HJH-PA)
- 1530 WOBS FL Jacksonville - As mentioned in AM Switch Vol. 63-29, formerly silent WCRJ is on the air. Format is adult urban. Top-of-hour ID as "The Legendary WOBS, Jacksonville." (LG-FL)

### DX TESTS

- 750 KAMA TX El Paso - 10/19 0200-0230 - *Not heard.* (SF-TN) *Not heard*, only WSB. (DT\*ON)
- 770 WWCN FL North Fort Myers - 11/3 0300-0400 - *Not heard*; a WABC silent period would have helped! (MB-ON)
- 920 KBNA TX El Paso - 10/12 0200-0230 - *Not heard.* (SF-TN) *Not heard.* (DT\*ON)
- 980 WAPF MS McComb - 10/7 0200-0230 - *Not heard.* (SF-TN)
- 1140 WAKK MS McComb - 10/14 0130-0200 - *Not heard.* (SF-TN) *Not heard*, only WRVA. (DT\*ON)
- 1330 WPPI GA Carrollton - 10/26 0000-0200 - *Not heard* at 0030 because of WFLP pest. (MB-ON) *Heard* code IDs every few minutes 0000- 0120, fair on peaks under always-dominant WFBC. (SF-TN)
- 1570 WYTI VA Rocky Mount - 10/5 0000-0030 - *Not heard.* (SF-TN)
- 1580 WHLY IN South Bend - 10/26 0600-0700 - *Not heard* under WPGC's "Heaven 1580" gospel. Unneeded; QSLed as WJVA in 1977. (MB-ON) *Heard* some code periods (barely) around 0628 and 0657 under tremendous QRM from WPGC, who was apparently on 50 kW day power way too early. (SF-TN) *Not heard*, WPGC on with full power at 0600. (DT\*ON)

### UNID and UNID HELP

- 920 UNID - — - 10/28 1905 - CBC news, weather, then the Gabe Mirkin show; temperatures in Celsius. CJCH? (WM-MD) [Could be, but it would be BN or CHUM rather than CBC. - DY]
- 1240 UNID - — - 10/29 1751 - Bob Grant program, WOR ID. WBAX off the air again! (HJH-PA)
- 1360 UNID - — - 10/20 2125 - ID as "CNN Radio 1360," results of NFL games, mention of World Series, NOS music also heard. WDRC? (WM-MD) [The CNN ID is probably WAZU Cincinnati. - DY]
- 1450 UNID - — - 10/31 1930-2000 - Brief "W???", Lewiston-Auburn" ID, then faded out

back into the mess. (RWT-MA)

**WPAL RADIO**

P.O. Box 30999

CHARLESTON, SOUTH CAROLINA 29417

**LOGGINGS: 0000-0800**

- 560 WCKL NY Catskill - 10/21 0418-0501 - OLD, news, ad to call 1-800-44- IDEA, promo for program "on 560, WCKL," poor under unID with same programming. (DT\*ON)
- 670 WWFE FL Miami - 10/28 0540-0602 - SS romantic music, nice ID in EE 0600, moderate QRM from WMAQ but rapid fading. SS (Cuba?) QRM after 0600. (EK-OH)
- 730 WFMC NC Goldsboro - 11/1 0606-0630 - With "Morning Inspiration," program of gospel music. Fairly good signal, but heavy fades and constant background "rumble" on the channel. (EK-OH)
- 740 KTRH TX Houston - 10/26 0645 - Good with ID as "News-Talk 740, KTRH," Celestial Tidings show, ad for OfficeMax. (MB-IN)
- 830 WCRN MA Worcester - 10/22 0332-0400 - REL talk with gospel number, poor under WCCO. (DT\*ON)
- 940 WNRG VA Grundy - 10/23 0700 - Fair over CBM and SS (presumably XEQ or Cuba) with ID as "You're listening to WNRG, 940 on your AM dial, at 7:00," into CNN news. (MB-ON)
- 960 WELI CT New Haven - 10/31 0725 - Fair over Canadian non-IDing oldies pest, with promo for HS football on "your first choice for sports, News-Talk 960 WELI." (MB-ON)
- 1060 KYW PA Philadelphia - 10-26 0000+ - Off for maintenance, noted XEEP and Guantanamo Cuba, but also an unID EE station with all-news, faded up every ten minutes or so for about 20 seconds. (JR-NY)
- 1160 WJJD IL Chicago - 10/30 0707 - Good with ID "7 past 6:00 on AM 1160 WJJD," into instrumental big band tune. Still here. When will WSCR-820 be moving to 1160? (MB-ON) [Probably not till the new year. - DY]
- 1250 CHWO ON Oakville - 10/29 0611-0620 - Booming in with "Radio to Remember" and call IDs, many local ads. (EK-OH)
- 1280 WHVR PA Hanover - 10/29 0629 0633 - In nicely with local ads, then local news. (EK-OH)
- 1390 WLCM MI Charlotte - 10/29 0658-0702 - With the end of the Bob Larson program and IDs for IBN (International Broadcasting Network). Call ID, USA Radio news. Difficult in heavy QRM, fading. (EK-OH)
- 1570 WANR OH Warren - 10/23 0736 - Poor in mess with "56 degrees at WANR," into Republican paid political announcement. (MB-ON)
- 1630 KXBT CA Vallejo - 11/3 0530 - In fading and noise, ID at 0545, "KXBT, Classic Soul for the Bay Area," on wire antenna and Kiwa Loop. First CA BCBC since moving to Winchester VA 14 years ago. (PC-VA)

**LOGGINGS: 0800-1600**

- 790 WTNY NY Watertown - 10/6 1305-1343 - CBS news, Bernie Ward talk show, ID as "from the WTNY weather center," poor. (DT\*ON)
- 1280 WHVR PA Hanover - 11/1 1515 - With promo for Penn State FB tickets, in local WHTK null. New. (JR-NY)
- 1370 WKMC PA Roaring Spring - 11/1 1517 - With weak ID in local WXXI null. (JR-NY)
- 1390 WZHF VA Arlington - 10/12 0944-1005 - With health & fitness programming, and again 1344-1405 with CNN sports and news, ex-WMZQ. Frequent IDs as "WZHF, Health and Fitness 13-90." (HH-MD)
- 1460 WEMR PA Tunkhannock - 11/1 1520 - With ID during break in C&W program, new. (JR-NY)
- 1480 WGVU MI Kentwood - 11/3 0858 - Fair with promos for the 9th season of the Classic Jazz series of concerts from the St. Cecilia Music Society, sponsored by the Saturn dealers of Grand Rapids. ID as "Your public radio station, WGVU," into NPR news at 0900. (MB-ON)
- 1570 WRJQ WI Appleton - 11/3 0800-0830 - Fair with big band music, IDs as "Big Band Radio WRJQ Appleton," promos for "WRJQ's Big Band Booster Club," into "Overdrive Trucking News" program of news for interstate truckers at 0830. (MB-ON)

**LOGGINGS: 1600-2400**

- 580 WTAG MA Worcester - 10/5 2342-2350 - End of play-by-play game on ESPN network, ID, poor. (DT\*ON)

- 610 WDAF MO Kansas City - 10/26 2022 - Have been after this one for awhile. "61 Country" IDs and Kansas City traffic check. (LG-FL)
- 730 WBZS VA Alexandria - 10/31 1656-1659 - With business news, ID, temperature and time, then into CNN Radio news. Got rough after 1705 with QRM from WJYM, WPIT, fading. (EK-OH)
- 760 WMEN TN Knoxville - 10/31 1740-1759 - A great Halloween gift! Able to null WJR enough to log this new one with inspirational music, a number of "Spirit of 76" IDs, sign-off announcements 1759-1800. (EK-OH)
- WENO TN Nashville - 10/31 1801-1810 - Spot, ID, into sermon. Amazing that in 46 years of DXing I'd heard only two domestic stations on this frequency, then in 20 minutes I double my score! (EK-OH)
- 790 WPIC PA Sharon - 11/2 1702 - Fair to good in CIGM null, ID at half- time of Penn State vs. Northwestern game, PSA for flu shots from American Lung Association of Northwest Pennsylvania. QSLed on CPC test in 1980. (MB-ON)
- 830 KOTC MO Kennett - 10/28 1820 - "Cotton Country," C&W music, ID. (WM-MD)
- 910 WLAS NC Jacksonville - 11/1 2150 - With high school FB, local ads for Onslow County, ID as WLAS. (JR-NY)
- WYLI OH Marietta - 10/28 1840 - Adult contemporary music, ID. (WM-MD)
- 920 WTCW KY Whitesburg - 10/27 2235 - C&W music, "K-104" ID. (WM-MD)
- WKRT NY Cortland - 10/22 2007-2114 - OLD pop, ID as "920 WKRT," poor under WHJJ. (DT\*ON)
- 940 WMWR GA Macon - 10/27 1730 - Ad for State Farm insurance, promo for Paul Harvey show, "News Talk 940," ID. (WM-MD)
- + 10/28 1755 - Fair to good with ads for Bell South Mobility, promo for Rush Limbaugh on "News-Talk 940, WMWR, Middle Georgia's sports authority." Ex-WMAZ. (MB-ON)
- 950 WSPA SC Spartanburg - 10/28 1830 - Heard well with Jim Hightower anti-President Clinton commentary, then spot for AFL-CIO. (HJH-PA)
- 980 WXBQ VA Bristol - 10/23 1929-2000 - Talk, Wall Street Journal Business Report, ID as "AM 980" and mentions of Virginia, into Jim Bohannon show. (DT\*ON)
- 1000 CKBW NS Bridgewater - 10/28 1815 - Over WMVP with C&W music, ads for IGA supermarket and Crown Tires in Bridgewater, mentions of "South Shore". (HJH-PA)
- 1120 WBNM GA Gordon - 10/29 1806-1845 - Light jazz music, ID as "J-107," mentions of Warner Robins and Macon. Very tough with KMOX QRM and fading, peaking to S-6. Did they forget to pull the switch at sunset? (EK-OH)
- 1160 WVNJ NJ Oakland - 10/17 1745 - NOS music, ID. (WM-MD)
- WODY VA Fieldale - 10/17 2155 - End of "Focus on the Family" program, PIR network, mention of southwest Virginia and West Virginia. (WM-MD)
- 1250 WEMP WI Milwaukee - 10/29 1751 - Up good at times with slow fade in and out with WTAE, "Oldies Radio" and ID. Ad for contest to win a hotel stay in Milwaukee. Local WBAX-1240 off. (HJH-PA)
- 1260 WNRK DE Newark - 10/29 1828 - Mostly weak, with oldies format and promo to area businesses to advertise on WNRK. (HJH-PA)
- 1270 WCBC MD Cumberland - 10/28 1800 - Fair with ID "Now broadcasting in its 20th year, WCBC Cumberland," then to ABC news. (HJH-PA)
- CJTN ON Trenton - 10/29 1830 - C&W music and ID "You're listening to the ... Network, 1240 CJNH and 1270 CJTN," weak to fair. (HJH-PA)
- 1280 WONW OH Defiance - 11/1 1915 - ID, discussion of high school football. (WM-MD)
- 1290 WCHY GA Savannah - 10/29 1845 - Slow fade in and out, good at times with Real Country format, ID inserted over satellite feed at this time. Strong CJBK phased out. (HJH-PA)
- 1310 WDOC KY Prestonburg - 10/18 1935 - C&W music, weather, ID. (WM-MD)
- CHGB PQ La Pocatière - 10/13 2219-2235 - OLD and traditional FF music, poor, under unID. (DT\*ON)
- 1350 WTOU OH Akron - 10/4 2028-2209 - UC blues music, ID in part as "... WTOU ... the blues," fair-poor. (DT\*ON)
- CKDO ON Oshawa - 10/16 1920 - Fair with "Magic 94.9" IDs and 70's music format, phone-in question about the GM strike. No call ID heard. (HJH-PA)
- 1360 WNJC NJ Washington Township - 10/14 2210-2228 - OLD, ID as "WNJC ... the station ...," and "AM 1360 WNJC," poor under WAOC. (DT\*ON)
- WAZU OH Cincinnati - 11/2 1800 - Good with ID as "WAZU Cincinnati, Infor Radio 1360, hear it here," into CNN news. No more R. Aahs kiddie format here.

- (MB-ON)
- WIXZ PA McKeesport - 10/17 1826-1840 - Sports talk, NASCAR news, ads for 7-11, chiropractor, Prime Sports program, fair in QRM. (DT\*ON)  
+ 10/18 1835 - Discussion of western Pennsylvania HS football. (WM-MD)
- 1370 WAXE FL Vero Beach - 11/1 2215 - ID, NOS music. (WM-MD)
- WALK NY Patchogue - 10/18 1830 - Barbara Streisand song, "Sunrise 1370," ID, weather. (WM-MD)
- WMJT WV Moundsville - 10/14 2150-2209 - Talk show, partial ID as "WMJT ...," poor over/under WSPD. (DT\*ON)
- 1380 WKJV NC Asheville - 10/28 1800 - Weather, ID. (WM-MD)
- WAGS SC Bishopville - 10/17 2000-2005 - Broke through with ID at 2000 "AM 1380, WAGS," OLD instrumental orchestral music, faded out 2005. (DT\*ON)
- 1400 WKBI PA St. Mary's - 10/17 2140 - C&W-sounding music, ID. (WM-MD)
- 1410 WPOP CT Hartford - 10/18 1845 - Various ads, "Newsradio 1410" ID, Tom Leykis show. (WM-MD)
- 1420 WEMB TN Erwin - 10/18 1855 - Discussion of HS football game // 103.9 WXIS, mention of East Tennessee, ABC news at 1900, ID. (WM-MD)
- WWSR VT St. Albans - 10/28 1746 - Ending Arrowsmith song, ID "Your station for the hits from the 50's to the 90's, WWSR St. Albans," then into "Franklin County Spotlight" feature. (HJH-PA)
- 1430 WDIC VA Clincho - 10/18 2005 - ID, weather, C&W music. (WM-MD)
- 1460 WGNA NY Albany - 10/20 1745 - // 107.7 FM, ID. (WM-MD) [Careful, WEMR-PA is also // 107.7 FM. - DY]
- WRKB NC Kannapolis - 10/31 1850 - Preacher, gospel program, ID. (WM-MD)
- WBNS OH Columbus - 11/1 1845 - ID, weather. (WM-MD)
- WRAD VA Radford - 11/2 2140 - Roanoke Express hockey game vs. South Carolina Stingrays // WFIR-960, promo for Ted White show, ID. (WM-MD)
- 1480 WADR NY Remsen - 10/19 1949-2015 - Play-by-play high school game with Rome High School, fair-poor, unID QRM. (DT\*ON)
- WCNS PA Latrobe - 11/1 2125 - HS football game, mention of Latrobe. (WM-MD)
- 1490 WIKE VT Newport - 10/15 2256 - ID "The all-new WIKE," then into either country or soft rock. (HJH-PA)
- 1560 WRHC FL Coral Gables - 10/14 2201 - Running roughshod over WPAD in WQEW null with legal IDs in SS and EE. Farewell 1560 if this is their authorized night pattern. (SF-TN)

**TIS AND MISCELLANEOUS**

- 540 "WITL" MA New Bedford - Per item in the New Bedford *Standard Times*, this carrier current station affiliated with the Church of New Bedford and "Into the Light Ministries," will begin broadcasting on this frequency 11/4. It is restricted to within 300 feet of the church and can be received by anyone with a plug-in radio. (RWT-MA)



- |        |                  |   |
|--------|------------------|---|
| MB-ON  | Mike Brooker     | Toronto ON -                                    |
| MB-IN  | Mark Burns       | Terre Haute IN - R8, 80' LW, Kiwa loop          |
| PC-VA  | Perry Crabill    | Winchester VA - R8, 100' LW 20' high, Kiwa loop |
| SF-TN  | Steve Francis    | Alcoa TN - TRF                                  |
| LG-FL  | Lynn Gillis      | Fernandina Beach FL - ICF2010, Quantum loop     |
| HJH-PA | Harry Hayes      | Wilkes-Barre PA - Superadio 2                   |
| HH-MD  | Hank Holbrook    | Dunkirk MD - R8, 120' LW                        |
| EK-OH  | Ed Krejny        | Strangsville OH -                               |
| WM-MD  | William McGurire | Cheverly MD - DX380                             |
| SM-MA  | Stan Morss       | Boxford MA - Local news                         |
| JR-NY  | Jim Renfrew      | Rochester NY - R8, Radio West loop              |
| DT*ON  | Don Trelford     | DXing in North Bay ON - DX440, random wire      |
| RWT-MA | Rick Turner      | North Dartmouth MA -                            |
| DY-NY  | David Yocis      | South Nyack NY - R71A, Kiwa loop                |

**REPORTERS**

**International DX Paul Swearingen** [plsBCBDXER@AOL.com](mailto:plsBCBDXER@AOL.com)  
**Achievements** 2840 SE Illinois Avenue  
 Topeka, KS 66605-1427

*International DX verie/taped totals listed by continents*

| Year | DX'er                    | Location  | Last Update | SA  | Ctries | Veried | Foreign | NA  | Eur | Oc  | Af | As |
|------|--------------------------|-----------|-------------|-----|--------|--------|---------|-----|-----|-----|----|----|
| 1933 | Geary, Kermit            | PA        | 1993        | 243 | 107    | 6190   | 988     | 512 | 147 | 61  | 23 | 2  |
| 1933 | Cooper, Ernest           | NY-MA     | 1980        | 131 | 79     | 4142   | 760     | 528 | 88  | 7   | 6  | 0  |
| 1946 | Holbrook, Hank           | MD        | 1993        | 103 | 103    | 2876   | 640     | 303 | 156 | 49  | 26 | 3  |
| 1938 | Anderson, Roger A.       | VA/NY/PA  | 1993        | 78  | 105    | 1448   | 514     | 227 | 128 | 48  | 28 | 5  |
| 1940 | Morss, Stan              | MA        | 1993        | 65  | 84     | 3922   | 424     | 218 | 221 | 1   | 14 | 3  |
| 1946 | Moore, Ray               | MA        | 1993        | 52  | 104    | 245    | 245     | 95  | 59  | 8   | 24 | 7  |
| 1960 | Rugg, Andy               | QC        | 1996        | 48  | 71     | 1705   | 208     | 87  | 66  | 0   | 6  | 1  |
| 1960 | Merriman, Alan           | VA        | 1994        | 47  | 93     | 1615   | 368     | 212 | 88  | 3   | 14 | 4  |
| 1958 | Dangerfield, Ben         | PA        | 1996        | 44  | 122    | 426    | 327     | 85  | 149 | 9   | 32 | 9  |
| ?    | Falconer, Jeff           | ON        | 1976        | 44  | 49     | 0      | 1175    | 0   | 0   | 0   | 0  | 0  |
| 1962 | Edmunds, R. J. (taped)   | NJ        | 1993        | 37  | 43     | 897    | 56      | 845 | 14  | 0   | 0  | 1  |
| 1954 | Starr, Jerry             | OH        | 1974        | 34  | 51     | 1209   | 194     | 134 | 20  | 3   | 3  | 0  |
| 1934 | Gustafson, Hilding       | IL/FL     | 1995        | 34  | 118    | 860    | 314     | 69  | 114 | 61  | 24 | 13 |
| ?    | Callarman, John          | ?         | 1970        | 20  | 50     | 740    | 138     | 72  | 17  | 20  | 3  | 6  |
| 1975 | Swearingen, Paul (taped) | KS        | 1996        | 16  | 22     | 738    | 95      | 43  | 0   | 0   | 0  | 0  |
| 1931 | Steele, Sid              | IL        | 1996        | 12  | 36     | 3096   | 299     | 104 | 2   | 8   | 0  | 1  |
| 1963 | Scrimgeour, Gray         | CA/ON     | 1971        | 10  | 47     | 526    | 440     | 354 | 18  | 31  | 1  | 26 |
| 1958 | Phillips, Dan            | TN/AL     | 1974        | 9   | 26     | 567    | 40      | 21  | 5   | 3   | 1  | 0  |
| 1974 | Knitter, Mike            | WI        | 1983        | 8   | 17     | 936    | 53      | 45  | 0   | 0   | 0  | 0  |
| 1958 | Wesolowski, Ernie        | NE        | 1995        | 7   | 24     | 2001   | 69      | 53  | 0   | 7   | 1  | 1  |
| 1931 | Wheeler, Frank           | PA        | 1993        | 7   | 25     | 1885   | 78      | 68  | 1   | 2   | 0  | 0  |
| 1976 | Fromming, Gary           | AZ        | 1994        | 7   | 17     | 338    | 92      | 85  | 0   | 1   | 0  | 0  |
| 1976 | Renfrew, Jim             | NY        | 1993        | 7   | 35     | 331    | 51      | 44  | 0   | 0   | 0  | 0  |
| 1964 | Reynolds, Bruce          | MO        | 1977        | 6   | 28     | 1103   | 121     | 111 | 2   | 2   | 0  | 0  |
| ?    | Sampson, John            | NJ        | 1965        | 6   | 54     | 445    | 72      | 23  | 38  | 1   | 3  | 1  |
| 1962 | Musco, Ron               | CT        | 1996        | 5   | 44     | 1243   | 57      | 40  | 9   | 0   | 2  | 1  |
| 1931 | Holland, George B., Jr.  | NY        | 1993        | 5   | 18     | 885    | 57      | 46  | 4   | 2   | 0  | 1  |
| 1947 | Luton, Reife             | NC        | 1973        | 4   | 23     | 1049   | 142     | 102 | 3   | 33  | 0  | 0  |
| 1955 | Palmer, Richard D.       | IL        | 1993        | 4   | 33     | 822    | 94      | 77  | 10  | 2   | 1  | 0  |
| ?    | Fela, Joseph             | NJ        | 1965        | 4   | 24     | 738    | 35      | 19  | 11  | 0   | 1  | 0  |
| 1977 | Wolfish, Niel            | ON        | 1977        | 4   | 11     | 397    | 20      | 14  | 2   | 0   | 0  | 0  |
| 1941 | Kruse, Len               | IA        | 1971        | 3   | 15     | 4080   | 77      | 61  | 0   | 13  | 0  | 0  |
| 1962 | Edmunds, R. J. (paper)   | NJ        | 1994        | 3   | 7      | 266    | 13      | 10  | 0   | 0   | 0  | 0  |
| 1966 | Bruner, Jesse R.         | KY        | 1966        | 3   | 23     | 132    | 27      | 17  | 5   | 2   | 0  | 0  |
| ?    | Heinen, Wayne            | NY        | 1981        | 2   | 18     | 882    | 116     | 109 | 5   | 1   | 0  | 0  |
| 1952 | McIntosh, Eric           | NZ        | 1965        | 2   | 63     | 686    | 635     | 301 | 45  | 253 | 4  | 81 |
| 1973 | Mount, Paul              | NJ        | 1995        | 2   | 6      | 230    | 25      | 22  | 0   | 0   | 0  | 0  |
| 1964 | Whatmough, Dave          | ON        | 1994        | 1   | 13     | 1014   | 15      | 6   | 2   | 6   | 0  | 0  |
| 1964 | Sorensen, Morris         | ON/MB     | 1975        | 1   | 13     | 537    | 385     | 375 | 9   | 0   | 0  | 0  |
| 1965 | Kadet, Jeff              | MD        | 1969        | 0   | 12     | 703    | 41      | 39  | 0   | 2   | 0  | 0  |
| 1968 | Bytheway, Phil           | WA        | 1982        | 0   | 9      | 457    | 20      | 0   | 0   | 0   | 0  | 0  |
| ?    | Erickson, Don            | CA        | 1982        | 0   | 6      | 442    | 9       | 8   | 0   | 1   | 0  | 0  |
| ?    | Dellit, Sam              | Australia | 1978        | 0   | 37     | 362    | 218     | 109 | 5   | 80  | 1  | 23 |
| 1969 | Karchevski, Bob          | MA/CA     | 1975        | 0   | 24     | 204    | 141     | 112 | 0   | 6   | 0  | 0  |
| 1965 | Long, John               | CT        | 1968        | 0   | 29     | 101    | 0       | 0   | 0   | 0   | 0  | 0  |
| 1975 | Bartek, Daniel, Jr.      | NE        | 1976        | 0   | 2      | 23     | 0       | 0   | 0   | 0   | 0  | 0  |
| 1960 | Lynch, Don               | MA        | 1980        | 0   | 9      | 0      | 157     | 0   | 0   | 0   | 0  | 0  |

Thanks to Ron Musco for his update, although it was lost in cyberspace for some time. Surely you have at least one South American verie/ tape which would have gotten you into the count for this session, and if you've not update for 10 years or more ... why not? Remember, only taped or paper veries are counted, and U. S. and Canadians are not included in NA totals. Include your best catch from each continent and all other totals when reporting. Our next column will feature all foreign totals, so start adding so you can get your updates in before the next time. 73.

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## THE BEST

A CONTINUING SEARCH FOR THE BEST OF EVERYTHING

Louisville and Jefferson County tourist information should be back on the air in June.



STAFF PHOTO BY JAMES WALLACE

### Add some vim to your vacation: Use the radio to pick up trip tips

**By VINCE STATEN**  
Who has one for the road

It's not that there's a shortage of advice for tourists. Tourist tips are everywhere: in the map books, in the guidebooks, in the free handouts at the gas station.

But if you've been on a vacation before — any vacation, any time — you probably already know the tips: plan ahead, take along a medical identification card, carry toys, travel games and note pads for the kids. Etc. Etc. Etc.

I stumbled upon something new during a recent vacation. We were speeding down the interstate through Iowa. Believe me, there's no reason not to speed down the interstate through Iowa. The state's midsection is as flat as Kansas and as charming as west Texas.

My wife was driving, and I was about to nod off when I noticed a familiar-sounding name on the big green sign: "Clear Lake 2 Miles."

Clear Lake? Clear Lake? Something happened in Clear Lake.

Then it hit me. Buddy Holly! Isn't that where Buddy Holly was heading when his plane crashed?

Yeah, that's right. Buddy Holly was going to play a concert in Clear Lake, Iowa. When he didn't show up, a local guy named Bobby Valli or something like that filled in and became a big star ... as Bobby Vee.

That would have been it if it hadn't been for the next interstate sign: "Tourist Information Tune to 530 AM."

I had seen those signs for a hundred years, but I had never tuned in before. "They're not going to tell you that Buddy Holly was on his way to play here when his plane crashed. This has to be one of those Chamber of Commerce-type deals that only tells you about the world's largest maple tree." I actually announced that to my family. But I tuned in anyway, just to see.

I was wrong. Boy, was I wrong. Not just about the sanitized channel, but also about Clear Lake, Iowa.

The muffled voice on the radio informed us that Clear Lake was where Buddy Holly played his last concert; that he was killed in a plane crash a few miles north of town; and that the Surf Ballroom, where he played that last show, had recently been restored to its original glory.

The channel even gave specific directions to

Free-lance writer Vince Staten's video column runs weekly in SCENE. He lives in Prospect.

the Surf Ballroom.

It sounded as if it was just a hop, skip and jump off the interstate. And we were getting hungry anyway. So we stopped in Clear Lake.

Best vacation decision I ever made.

The Surf Ballroom is a glorious old dance hall, fully restored to what it must have been like that night in '58 when Buddy Holly finished his show and called his wife on the pay phone to tell her he had chartered a plane to take him to Fargo, N.D.

The pay phone is still there, as is the bandstand and the booths — complete with little "Occupied" dials to make sure you didn't lose your seat while you danced.

They mostly hold country concerts there now. But the front wall is a Hall of Fame for every act that ever performed there. The woman in the office said they found all the framed 8-by-10s when they started renovating.

We wandered around inside the ballroom undisturbed by a tour guide. And it was free. Best vacation stop I ever made. And it was all because of tourist information on the radio.

I never pass one of those signs now without tuning in. I've never discovered anything as interesting as Buddy Holly's last concert. But I enjoy hearing about the world's largest maple tree. And if it's just a hop, skip and a jump off the interstate, we turn off to check it out.

Tourist information on the radio may be available almost anywhere you travel. There's no national guide to where to find it; you just have to watch for the signs by the roadside. The information you hear is usually supplied by local or state tourist bureaus.

The Louisville and Jefferson County Convention and Visitors Bureau supplies tourist information for the metro area on 530-AM. It can't be heard at present because of equipment problems but should be back on the air next month.

A bureau spokeswoman said the information changes monthly; in July, for instance, visitors will be able to hear all about the new Hillier & Bradsy baseball museum.

-Louisville Courier-Journal  
via Ken McHarg

# LISTENING TO THE WORLD

## Automation ends era at Allegan County's FCC monitoring station

DUNNINGVILLE

By Brian Donovan  
The Grand Rapids Press

From the little house in an Allegan County field, they listened. During World War II, it was clandestine radio signals, possibly from enemy agents. In the 1950s, they monitored U.S. Navy research balloons riding the jet stream.

Throughout the existence of the Federal Communications Commission's Allegan County monitoring station, they tracked radio interference, unidentified transmitters and "pirate" stations. Now, the little house will stay, but its staff members will leave. The FCC is closing the station and will operate its equipment by remote control from Columbia, Md.

"When I came here in 1940, there was no building there," said Alex Polityka, an Allegan resident who was an engineer at the station until he retired in 1971. "There were seven of us assigned here."

The FCC first set up the station in Allegan County in a one-room country schoolhouse, he said.

"(The location) had to be flat land and also spacious" to minimize interference, he said.

The present station was built in 1941. It stands on M-40 about five miles southeast of Hamilton.

In a field behind the house is the direction finder, still functioning. It is a 450-foot diameter circle of antennas, with a tiny hut the size of an outhouse in the middle.

The Allegan station was one of 12 primary monitoring stations in the U.S., Alaska and Hawaii during World War II, Polityka said. Using direction finders, each station sent a bearing for an unidentified signal to the FCC in Washington, D.C.

There, the FCC plotted the bearings on a map, using strings. An unidentified transmitter could be pinpointed where the strings crossed.

The people at the Allegan station weren't told what was done with the bearings they reported during the war, Polityka said.

"All we knew was 'south of us,'" Polityka said of one signal they tracked. It was only when he read a Reader's Digest article after the war that he learned the rest of the story.

"They found it was a Cuban million-



This house southeast of Hamilton has kept its ears on goings-on around the world since 1941.

PRESS PHOTO

aire's yacht refueling a German submarine in the Caribbean," he said.

"Believe me, that's the first time I found out what we actually did," Polityka said.

Another time the station helped locate the Japanese fleet near the Aleutian islands, at a time when the U.S. Navy had lost track, he said.

"Evidently there was a homesick radio operator in the Japanese navy," Polityka said.

The monitoring stations were used to find warplanes lost in training, he said. In addition to direction finding, the station also recorded signals.

"We used to turn in every day reels of recordings of coded messages. They had cryptographers in Washington. They were very effective," he said.

During the Cold War, the station

tracked the Soviet satellite Sputnik, Polityka said. The station also tracked Russian broadcast signals which interfered with other stations.

James Roop, the current engineer-in-charge, came to the station in 1979, but knew some stories about the old days.

"Back in the '50s there was little known about the jet stream," he said. The Navy launched high altitude balloons which the station tracked to chart the direction of the jet stream, he said.

In the 1950s and 1960s the station took part in studies helping the FCC assign frequencies to minimize the interference to existing license holders, he said.

Roop remembered when the Cuban government set up a high-powered AM station a few years ago.

"We had to ask a Chicago radio station to go off the air temporarily, and by temporarily, I mean for a few minutes, so that we could make technical measurements on the Cuban station," he said.

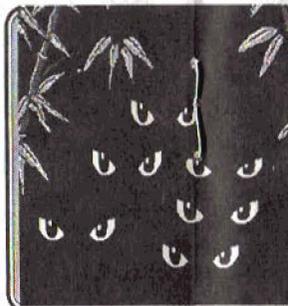
But now Roop's mission has changed. "Right now our job is just to shut this facility down and save the taxpayers' money," Roop said.

Roop said he would probably transfer to Chicago. While some of the remaining workers at the station can transfer to other FCC facilities, others will be unemployed, he said.

The news of the closing saddened Alex Polityka, who had kept in touch after his retirement.

"It's very sad for me to be here for the birth of the place and also the funeral," he said. "But that's life."

Grand Rapids Press, via Phil Boersma



From NRC's DX Audio Service ...

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# International Jim Renfrew [JimRenfrew@delphi.com](mailto:JimRenfrew@delphi.com) 61 Wilcox Street Rochester, NY 14607-3832

**Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.**

IDXD will take a one week break after this column, because I'll be up in Newfoundland for a week, and DXing will take priority over DX reporting!

A few reports from the first week in Newfoundland have already been trickling in, and it looks like some very interesting and exotic DX is being heard. A full report will be appearing after all of the logs have been compiled.

A few reporters have asked if their format is correct. Follow the exact format you see below. I spend at least an hour each column putting your dates into correct form, and in some cases I have to completely re-order your entries when you put time and dates in the text or at the end. Please do not put your loggings in capital letters only, because then I have no idea which words should be capitalized! Please use UTC (GMT) time, or if you wish use your local time, but be sure to tell me what time zone you are using so I can convert!

Welcome to new reporter Kent Winrich!

Jim

## TRANS-ATLANTIC DX

1584 UNID, OCT 21 0348 - Weak SS talk followed by song, pips at 0355 and 0400. Who is it? [Picard-PQ] (Spain, one of many synchros on this frequency - Jim)

## PAN-AMERICAN DX

555 ST KITTS ZIZ, OCT 29 0230 - Poor signals but did manage to get some music when adjacent channels were talking. [Axelrod-MB]

590 MEXICO XEFD Rio Bravo, OCT 18 1154-1158 - Fair in null of WOW, Omaha with Spanish pops, ID. [Moore-IA]

630 HONDURAS Radio America, NOV 1 0010-0024 - Fair mixing with unid USA station. Honduran political commentary. Ad to vote for Jaime. Presidential elections were a year ago. Must be local ones. Into ranchera music. ID at 0022 as "Ésta es Radio América, la primera cadena radial de Honduras. ... las noticias que transmiten ... Radio América. Siempre informativa. Siempre independiente. Siempre con el pueblo." First time hrd this DX season. Not a trace of // 610, however. [Moore-IA] About 8 years ago I heard an unID R. America here with the World Series, but I hesitated to think it was this one. So many have heard this one, though, that now I think I heard this one at the time - Jim)

630 VENEZUELA YVKA Caracas, NOV 2 0130 - Good signals with a football game and lots of memtions of Venezuela. Distinctive chimes same as 720 station uses at times. [Axelrod-MB]

640 MEXICO XEHH Hidalgo de Parral CHIH, OCT 22 0302 - Legal ID by man "desde la ciudad ... 640 kHz AM, mil watts ... 54-06, Parral, Chihuahua ... desde 1993 ...", then Mexican music, local ads. Generally poor, but occasional fair peaks during KFI fades, with slop from KHOW-630. New catch, Mexico #134, CHIH #30, and not listed anywhere. Thanks to Chris Knight for discovering this station. Heard on subsequent tries, too, with same format, "Radio Uno" slogans, occasional call IDs. [Wilkins-CO]



650 COLOMBIA, RCN, HJKH, Bogotá, OCT 21 0427 - advertisement for opera concerts, Antena Dos mentions. [Picard-PQ]

670t VENEZUELA, R. Rumbos, YVLL, Caracas, OCT 21 0116 - SS talk between man and woman; in WMAQ null. [Picard-PQ]

690 MEXICO XEMA Fresnillo ZAC, OCT 22 0108. Ad for event in San Cristobal; ad for store in San Jose, then more ads and call ID and timecheck for 8:11 (DST?), dedications. Fair with noise in KCGF null. [Wilkins-CO] (John, a few columns back changes in time zones for Mexico were mentioned - Jim)

750 VENEZUELA, R. Caracas R., YVKS, Caracas, OCT 21 0054 - SS teletalk, ID "Radio Caracas Radio" @ 0106 and 0108. Already heard, but first time IDed. [Picard-PQ]

760 COLOMBIA, RCN, HJAJ, Barranquilla, OCT 21 0033 - SS talk between man and woman; several Colombia mentions by 0036 and "RCN" by 0040. IDed "RCN, la Radio de Colombia" @ 0043. Good overall. [Picard-PQ]

800 NETHERLANDS ANTILLES, TWR, PJB, Bonaire, OCT 21 0026 - SS talk, way over CHRC/CJAD; "Radio Transmundial" mention @ 0029. Signal still very good when I checked back @ 0334. [Picard-PQ] NOV 2 2305 - Christian programming. [Winrich-WI]

860 CUBA, R. Reloj, ??, OCT 21 0453 - "R. Reloj" ID before minute's pips; under CJBC. [Picard-PQ]

870 COLOMBIA, R. Mar Caribe Internacional, HJSB, Barranquilla, OCT 21 0306 - SS talk, result of the 1st World Series' game (Atlanta won 12-1 over NY); ID "... Radio Mar Caribe Internacional, operando..Barranquilla, Colombia .. muchas gracias" @ 0313, into national anthem, I think. [Picard-PQ]

1000 COLOMBIA, RCN, HJAJ, Cartagena, OCT 21 0147 - SS interview of a doctor by a woman, "RCN" mentions @ 0159. Steady signal. [Picard-PQ]

1000 UNID, OCT 21 0147 - SS songs, under HJAJ. [Picard-PQ] (perhaps Mexico City - Jim)

1020 TURKS & Caicos IS CCR, NOV 3 0105 - Caribbean Christian Radio. IDed as Superpower 10-20. Christian Show from Mesquite, TX with Beverly Grismore. BIG signal over powering KDKA! New! [Winrich-WI]

1100 COLOMBIA Caracol, Barranquilla, NOV 3 0740-0815 - amazingly, exactly on frequency (was always hovering around 1100.3). Also, even stronger than before. New transmitter? Live feed from "Caracol en Miami" and frequent "WSUA" references. In perfect parallel to WSUA, Miami (1260) until ToH, whence this one carried Caracol net news, while WSUA broke for local news in SS, of course. [Krueger-FL, via Tocobaga DX #9]

1129.56 CUBA R Angulo, Sagua de Tanamo, Holguín, NOV 1 0352-0430 - strong (but LSB a must to skirt 1130 mess) with EZL vocals and instrumental songs, man and woman dj's. ID by man at top of hour, over music bed: "Ésta es CMKO, Radio Angulo. Desde la ciudad de (las tardes?), Holguín, Cuba." Making for quite a het here. Barely noticable daytime, with WWBF-Bartow on 1130 in the way. [Krueger-FL, via Tocobaga DX #8]



1140 UNID warblemitter, NOV 3 0730-0740 - absolutely giant signal. Rapidly warbling VFO carrier (approximately five warbles-per-second, for those counting) off of 1140 center. Looped N/S, which doesn't mean much when you live in FL. No trace of this the following daytime, or night. [Krueger-FL, via Tocobaga DX #9]

1140 COLOMBIA Caracol, Villavicencio, NOV 4 0155-0235 - alternately strong with an unID Cuban (didn't appear to be the listed Encyclopedia). Vocals, Caracol news, parallel 1100. [Krueger-FL, via Tocobaga DX #9]

1180 CUBA R Rebelde; NOV 1 1510-1520 - "las frecuencias total de la radio" slogan, parallel 5025. Still no Taino program. E-mail to Arnaldo Coro Antich unanswered thus far; suspect Taino has been regulated to FM only, with Rebelde programming continuing here (post Hurricane Lili) to fill the void of possible MW transmitter outages. [Krueger-FL, via Tocobaga DX #8]

1230 CUBA R Veintiséis, Union de Reyes, Matanzas, OCT 1 1600-1720 - weak under WQNN-Lakeland. Began fading down a bit and fluttery by around 1800, typical of near-winter onward daytime conditions from afar. [Krueger-FL, via Tocobaga DX #8]

1350 MEXICO XETB Torreón COAH, NOV 3 0210 - Tuned across full ID in progress "R. Laguna ... 1350 kHz amplitud modulada, 5 mil watts de potencia, estudios y oficinas en eulogio ... colonia ... Los Angeles, Torreón, Coahuila ... Emisora Integrante de OIR ...", and lost to KGHF. [Wilkins-CO]

1460 MEXICO XEUR Mexico DF, OCT 14 0104 - Heard "R. Teltiva" or something like that, possibly a program name or alternate slogan. At 0112 a promo for "Megametropolis", apparently a new Mexican ownership group with the following stations mentioned: XEEST-1440 Sonido Cristal, XEUR-1530 Cambio 15-30, XENK- 620 R. Seis Veinte; and "Ésto es Megametropolis, la nueva union de la radio Mexicano lmgando (?) hacia el futuro", ad for Matador magazine, then back to talk program. So Cambio 15-30 remains their primary slogan. Fair, over another SS station on N-S wire. [Wilkins-CO]

1580 MEXICO Hermosillo SON, OCT 18 2033 - Full canned ID "Desde Hermosillo, Sonora, Mexico, transmite XEDM, La Grande de Sonora, 1580 kilociclos con 50 mil wats de potencia, canal libre, cubriendo todo el estado de Sonora. Una estación mas de Grupo ACIR, Internacional en radio". Fair, over KCWW. [Wilkins-CO]

Denis parle: "I was considering buying a Drake R-8A this fall, but I think the new AOR 7030 will make me change my mind ..."

John speaks: "Have been to our beverage site near Denver International Airport a couple of times, but with underwhelming results to Latin America thus far."

Answer to J. B.'s Brain Teaser: 535-1705 kHz. Incidentally, the Canadian Standard Radio band starts at 525 kHz.

## TRANS-PACIFIC DX

- 189 RUSSIA, Siberia, Belagorsk, OCT 31 1424 - presumed with RR talk and EZL music // 243. Fair signal [Woods-OR]  
 243 RUSSIA Far East, OCT 31 1423 - fair to poor // 189 [Woods-OR]  
 657 NORTH KOREA KCBS Pyongyang NOV 1515 - poor to fair with apparent language pronunciation lesson; a woman repeating syllables, // 855 [Woods-OR]  
 729 UNID, OCT 18 1214 - Fair het here. Also weak ones on 738 and 756. [Moore-IA]  
 855 NORTH KOREA Sangwon, NOV 2 1511 - poor, // 657. [Woods-OR]  
 972 SOUTH KOREA HLCA Tonjin, OCT 27 1446 - Fair to good with EZL music, "San Francisco" [Woods-OR]  
 1566 SOUTH KOREA HLAZ Cheju, NOV 2 1446 - fair with instrumental music, apparently a hymn. [Woods-OR]

## CONTRIBUTORS

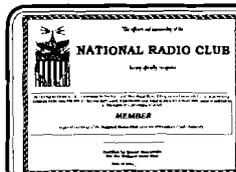
- @Shawn Axelrod, Winnipeg MB; ICOM ICR-70 WITH PLAM BOARD AND FILTER MODS [saxelrod@mb.sympatico.ca]  
 @Terry L Krueger (TOCOBAGA DX), Clearwater FL. [tocabagadx@earthlink.net] Note new e-mail address.  
 @Don Moore, Davenport IA; [moore@acc.mcrest.edu]  
 @Denis Picard, Trois-Rivieres PQ; Kenwood R-5000, Kiwa loop and 145' attic wire. [dpicard@mail.tr.cgocable.ca]  
 John Wilkins, Wheat Ridge CO; Drake R-8, 4' Box Loop, 650' SE wire.  
 @Kent Winrich, Waukesha WI, GE SR III, Homebrew 1\$ Loop [kwin@execpc.com]  
 @Jack Woods, Waldport OR; Lowe Europa, ALN-1 untuned outdoor loop



TODOS LOS DEPORTES  
 TODOS LOS DIAS  
 CON TODOS LOS QUE  
 SABEN DE DEPORTES

## INITIAL NF REPORT - Jean Burrell

Hi Guys, I'm home briefly -- I've still got to earn a living! -- but I thought I'd give you a few lines on how things are going. Weather: it has rained a lot and the wind is at 100 km/h, but so far no problems with snow. DX conditions: in my opinion at best "fair". The high-band Brazilians are weak, and only one "new" ZY graveyarder: R. Santa Maria on 1540 which I nabbed before the troops arrived on Sat night. I heard India also on Sat night through Switzerland, but it was absent last night. No new "deep south" stuff (yet). Some goodies though: Lebanon on 873 (yeah!! new country!!), Lithuania on 666, Suriname on 600, Qatar on 954 (easy!), armchair copy on Greece on 1386 and 981 but still no sign of VOA Rhodes on 1260. We've picked up some weirdness like Deutsche Welle + someone/something else on 1025.0 -- some kind of spur?? Another one on 1185.0! Mark -- thanks for the logs, your 672.2 growler is the NF station nominally on 670. It's in terrible shape. Ditto Nevis, weak but there. St. Pierre is solid now ... Best Wishes, Jean



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 via Bill Hale**

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## ALABAMA

|            |      |      |              |
|------------|------|------|--------------|
| Birmingham | WSMQ | 1450 | Coast        |
| Dothan     | WWNT | 1450 | Coast        |
| Foley      | WHEP | 1310 | Coast, Dream |
| Florence   | WBCF | 1240 | Coast, Dream |
| Huntsville | WVNN | 770  | Coast        |
| Mobile     | WNTM | 710  | Coast 1-4AM  |
| Montgomery | WACV | 1170 | Coast        |
| Tuscaloosa | WTNW | 1230 | Coast, Dream |

## ALASKA

|           |      |      |              |
|-----------|------|------|--------------|
| Anchorage | KENI | 550  | Coast, Dream |
| Cordova   | KLAM | 1450 | Coast        |
| Fairbanks | KFAR | 660  | Coast, Dream |
| Juneau    | KINY | 800  | Coast, Dream |
| Kodiak    | KVOK | 560  | Coast, Dream |

## ARIZONA

|           |      |      |              |
|-----------|------|------|--------------|
| Flagstaff | KVNA | 600  | Coast        |
| Globe     | KJAA | 1240 | Coast, Dream |
| Kingman   | KAAA | 1230 | Coast        |
| Phoenix   | KFYI | 910  | Coast, Dream |
| Prescott  | KNOT | 1450 | Coast        |
| Safford   | KATO | 1000 | Coast, Dream |
| Sedona    | KAZM | 780  | Coast        |
| Tucson    | KTUC | 1400 | Coast, Dream |

## ARKANSAS

|              |      |      |              |
|--------------|------|------|--------------|
| Ft. Smith    | KWHN | 1320 | Coast, Dream |
| Pine Bluff   | KOTN | 1490 | Coast, Dream |
| Little Rock  | KARN | 920  | Coast, Dream |
| Russellville | KARV | 610  | Coast        |

## CALIFORNIA

|                |      |      |   |
|----------------|------|------|---|
| Bakersfield    | KERN | 1410 | Coast, Dream                                |
| Chico          | KPAY | 1060 | Coast, Dream (Simulcast on KNSN until sold) |
| Chico          | KNSN | 1290 | Coast                                       |
| El Centro      | KAMP | 1430 | Coast                                       |
| Fresno         | KMJ  | 580  | Coast, Dream                                |
| Grass Valley   | KNCO | 830  | Dream                                       |
| Lancaster      | KHJJ | 1380 | Coast                                       |
| Los Angeles    | KABC | 790  | Coast                                       |
| Merced         | KYOS | 1480 | Coast, Dream                                |
| Modesto        | KFIV | 1360 | Coast, Dream                                |
| Monterey       | KNRY | 1240 | Dream                                       |
| Napa           | KYOS | 1440 | Dream                                       |
| Palm Desert    | KNWZ | 1270 | Coast, Dream                                |
| Paso Robles    | KPRL | 1230 | Coast, Dream                                |
| Quincy         | KPCO | 1370 | Coast, Dream                                |
| Redding        | KQMS | 1400 | Coast, Dream                                |
| Sacramento     | KSTE | 650  | Coast, Dream (Both at Midnight)             |
| San Bernardino | KCKC | 1350 | Coast, Dream                                |

**Bruce Elving's  
 FM Atlas  
 ... 16th Edition**



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## 18

|               |      |      |                                      |
|---------------|------|------|--------------------------------------|
| San Diego     | KFMB | 760  | Coast (Dreamland Soon)               |
| San Francisco | KSFO | 560  | Coast, Dream (12-4 Live+ 4-6 Replay) |
| Santa Barbara | KQSB | 990  | Coast, Dream                         |
| Santa Maria   | KSMA | 1240 | Coast, Dream                         |
| Santa Rosa    | KSRO | 1350 | Coast, Dream                         |
| Sonora        | KVML | 1450 | Coast, Dream                         |
| S. Lake Tahoe | KOWL | 1490 | Coast, Dream                         |
| Stockton      | KJAX | 1280 | Coast, Dream                         |
| Ventura       | KVEN | 1450 | Coast                                |

## COLORADO

|                  |      |      |                               |
|------------------|------|------|-------------------------------|
| Colorado Springs | KVOR | 1300 | Coast                         |
| Denver           | KHOW | 630  | Coast, Dream (Dreamland 2 AM) |
| Grand Junction   | KNZZ | 1100 | Coast, Dream                  |
| Pueblo           | KCSJ | 590  | Coast                         |

## CONNECTICUT

|           |      |      |                    |
|-----------|------|------|--------------------|
| New Haven | WAVZ | 1300 | Coast (Dropped ??) |
| New Haven | WELI | 960  | Coast, Dream       |

## DISTRICT OF COLUMBIA

|            |      |      |       |
|------------|------|------|-------|
| Washington | WMZQ | 1390 | Coast |
|------------|------|------|-------|

## DELAWARE

|            |      |      |              |
|------------|------|------|--------------|
| Wilmington | WDEL | 1150 | Coast, Dream |
|------------|------|------|--------------|

## FLORIDA

|                  |      |      |                                       |
|------------------|------|------|---------------------------------------|
| Ft. Lauderdale   | WFTL | 1400 | Coast, Dream 2 - 6 AM, Dream Sat 8 PM |
| Ft. Myers        | WINK | 1240 | Coast, Dream                          |
| Ft. Walton Beach | WFTW | 1260 | Coast                                 |
| Jacksonville     | WOKV | 690  | Coast, Dream (Mon-Thu Only 3 hours)   |
| Leesburg         | WQBQ | 1410 | Coast                                 |
| Melbourne        | WTAI | 1560 | Coast                                 |
| Port St. Lucie   | WPSL | 1590 | Coast (Real Audio, too)               |
| Sarasota         | WKXY | 930  | Coast, Dream                          |
| Sebring          | WWTK | 730  | Coast                                 |
| St. Augustine    | WFOY | 1240 | Coast, Dream                          |
| Tampa            | WBDN | 760  | Coast, Dream (1st 4 hours)            |

## GEORGIA

|            |      |      |              |
|------------|------|------|--------------|
| Albany     | WALG | 1590 | Coast, Dream |
| Brunswick  | WBGA | 1490 | Coast        |
| Columbus   | WDAK | 540  | Coast        |
| Dalton     | WLSQ | 1470 | Coast, Dream |
| Gainsville | WDUN | 550  | Coast        |
| Jasper     | WYYZ | 1490 | Coast, Dream |
| Macon      | WMAZ | 940  | Coast, Dream |

## HAWAII

|          |      |     |              |
|----------|------|-----|--------------|
| Honolulu | KHVV | 830 | Coast, Dream |
|----------|------|-----|--------------|

## IDAHO

|             |      |      |              |
|-------------|------|------|--------------|
| Boise       | KIDO | 630  | Coast, Dream |
| Idaho Falls | KID  | 590  | Dream        |
| Payette     | KIOV | 1450 | Coast        |
| St. Maries  | KOFE | 1240 | Coast, Dream |
| Twin Falls  | KLIX | 1310 | Coast, Dream |

## ILLINOIS

|            |      |      |              |
|------------|------|------|--------------|
| Cairo      | WKRO | 1490 | Coast, Dream |
| Herrin     | WJPF | 1340 | Coast        |
| Mattoon    | WLBH | 1170 | Coast        |
| Mt. Vernon | WMIX | 940  | Coast, Dream |

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|             |       |      |              |
|-------------|-------|------|--------------|
| Murphysboro | WINI  | 1420 | Dream        |
| Ottawa      | WCMY  | 1430 | Coast, Dream |
| Quincy      | WTAD  | 930  | Coast, Dream |
| Rockford    | WROK  | 1440 | Coast        |
| Rockford    | WNNTA | 1150 | Dream        |
| Springfield | WMAY  | 970  | Coast, Dream |
| Sterling    | WSDR  | 1240 | Coast, Dream |

## INDIANA

|           |      |      |              |
|-----------|------|------|--------------|
| Ft. Wayne | WGL  | 1250 | Coast, Dream |
| Lafayette | WASK | 1450 | Coast, Dream |
| Tell City | WTCJ | 1230 | Coast, Dream |

## IOWA

|         |      |      |              |
|---------|------|------|--------------|
| Ottumwa | KLEE | 1480 | Coast, Dream |
| Dubuque | KDTH | 1370 | Coast, Dream |

## KANSAS

|         |      |      |              |
|---------|------|------|--------------|
| Chanute | KKOY | 1460 | Coast, Dream |
| Liberal | KSCB | 1270 | Coast, Dream |
| Salina  | KSAL | 1150 | Coast, Dream |
| Wichita | KFH  | 1330 | Coast, Dream |

## KENTUCKY

|              |      |      |              |
|--------------|------|------|--------------|
| Central City | WMTA | 1380 | Coast, Dream |
| Lexington    | WLXG | 1300 | Coast, Dream |
| Madisonville | WTTL | 1310 | Coast, Dream |
| Owensboro    | WOMI | 1490 | Coast, Dream |
| Russellville | WRUS | 610  | Dream        |

## LOUISIANA

|             |      |      |                                  |
|-------------|------|------|----------------------------------|
| Baton Rouge | WJBO | 1150 | Coast, Dream                     |
| Monroe      | KMLB | 1440 | Coast                            |
| New Orleans | WODT | 1280 | Coast, Dream (Went to All Music) |

## MAINE

|              |      |     |                           |
|--------------|------|-----|---------------------------|
| Presque Isle | WEGP | 600 | Coast, Dream (Dropped ??) |
|--------------|------|-----|---------------------------|

## MARYLAND

|           |      |     |       |
|-----------|------|-----|-------|
| Frederick | WFMD | 930 | Coast |
|-----------|------|-----|-------|

## MASSACHUSETTS

|             |      |      |                          |
|-------------|------|------|--------------------------|
| Attleboro   | WARA | 1320 | Coast, Dream (Dropped??) |
| Lowell      | WCAP | 980  | Coast                    |
| Northampton | WHMP | 1400 | Coast, Dream             |

## MICHIGAN

|                  |      |      |                                   |
|------------------|------|------|-----------------------------------|
| Adrian           | WABJ | 1490 | Coast                             |
| Cadillac         | WKJF | 1370 | Coast                             |
| Detroit          | WJR  | 760  | Coast (2 AM - 4 AM)               |
| Flint            | WFNT | 1470 | Coast, Dream                      |
| Grand Rapids     | WOOD | 1300 | Coast, Dream (Dream Sunday 11 PM) |
| Kalamazoo        | WKZO | 590  | Coast                             |
| Muskegon         | WKBZ | 850  | Coast, Dream                      |
| Petosky          | WJML | 1110 | Coast, Dream (Silent??)           |
| Sault Ste. Marie | WKNW | 1400 | Coast, Dream                      |
| Traverse City    | WTCM | 580  | Coast                             |

## MINNESOTA

|           |      |      |              |
|-----------|------|------|--------------|
| Bemidji   | KKBJ | 1360 | Coast, Dream |
| Brainerd  | WWWI | 1270 | Coast, Dream |
| Duluth    | WEBC | 560  | Coast, Dream |
| St. Cloud | KNSI | 1450 | Coast, Dream |

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ALBANY, GEORGIA

# WJAZ

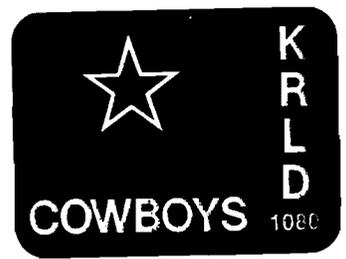
BIG "JAZ"  
WITH SEVEN MOBILE UNITS

|                      |      |      |  |
|----------------------|------|------|--|
| 20                   |      |      |  |
| St. Paul             | KSTP | 1500 | Coast, Dream   |
| Winona               | KWNO | 1230 | Coast  |
| <b>MISSISSIPPI</b>   |      |      |  |
| Greenville           | WCVM | 1260 | Coast (Call Sign ??)                                 |
| Natchez              | KAIN | 1040 | Coast (Call Sign??)                                  |
| <b>MISSOURI</b>      |      |      |  |
| Cape Girardeau       | KZIM | 960  | Coast, Dream   |
| Columbia             | KFRU | 1400 | Coast, Dream   |
| Farmington           | KREI | 800  | Coast  |
| Festus               | KJCF | 1400 | Coast, Dream   |
| Jefferson City       | KWOS | 1240 | Coast, Dream   |
| Joplin               | KQYX | 1560 | Coast (Two ??)                                       |
| Joplin               | WMBH | 1450 | Coast, Dream (Two ??)                                |
| Kansas City          | KCMO | 810  | Coast, Dream (1-5:30, Dream: 2-5 AM Mon)             |
| Poplar Bluff         | KWOC | 930  | Coast  |
| Springfield          | KWTO | 560  | Coast (3AM Fri, Sat, Sun)                            |
| St. Louis            | KSD  | 550  | Coast, Dream   |
| Washington           | KLPW | 1220 | Coast, Dream   |
| <b>MONTANA</b>       |      |      |  |
| Billings             | KBLG | 910  | Coast, Dream   |
| Bozeman              | KMMS | 1450 | Coast, Dream   |
| Great Falls          | KMSL | 1450 | Coast, Dream   |
| Helena               | KCAP | 1340 | Coast  |
| Missoula             | KGVO | 1290 | Coast, Dream   |
| Whitefish            | KJJR | 880  | Coast, Dream   |
| <b>NEBRASKA</b>      |      |      |  |
| Fremont              | KHUB | 1340 | Dream  |
| Lincoln              | KLIN | 1400 | Coast  |
| Omaha                | KFAB | 1110 | Coast, Dream (Coast Starts at 2AM)                   |
| Scottsbluff          | KOLT | 1320 | Coast  |
| <b>NEVADA</b>        |      |      |  |
| North Las Vegas      | KVEG | 840  | Coast, Dream   |
| Reno                 | KO   | 780  | Coast, Dream   |
| <b>NEW HAMPSHIRE</b> |      |      |  |
| Manchester           | WGIR | 610  | Coast  |
| <b>NEW MEXICO</b>    |      |      |  |
| Abuquerque           | KKOB | 770  | Coast  |
| Albuquerque          | KHTL | 920  | Coast, Dream   |
| Carlsbad             | KCCC | 930  | Coast, Dream   |
| Farmington           | KENN | 1390 | Coast  |
| Gallup               | KGAK | 1330 | Dream  |
| Las Cruces           | KOBE | 1450 | Coast  |
| Roswell              | KBIM | 910  | Coast, Dream   |
| Santa Fe             | KVSF | 1260 | Dream  |
| <b>NEW YORK</b>      |      |      |  |
| Albany               | WROW | 590  | Coast (Need Verification)                            |
| msterdam             | WCSS | 1490 | Coast, Dream M-F 2 AM - 5:30 AM; Sat -6 AM Sun -8 AM |
| Ellenville           | WELV | 1370 | Coast  |
| Glenn Falls          | WWSC | 1450 | Coast  |
| Hudson               | WHUC | 1230 | Coast, Dream   |
| Jamestown            | WJTN | 1240 | Coast, Dream   |
| Olean                | WMNS | 1360 | Coast, Dream   |
| Rochester            | WHAM | 1180 | Coast  |
| Utica                | WIBX | 950  | Coast, Dream   |

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**AM 1230 WCUZ**  
 THE TALK OF GRAND RAPIDS

|                       |      |      |  |
|-----------------------|------|------|--|
| <b>NORTH CAROLINA</b> |      |      |  |
| Albemarle             | WSPC | 1010 | Coast, Dream                               |
| Fayetteville          | WFNC | 640  | Coast                                      |
| Fuquay-Varina         | WCry | 1460 | Coast, Dream (dropped, went to Gospel)     |
| Goldsboro             | WGBR | 1150 | Coast                                      |
| Greensboro            | WKEW | 1400 | Coast, Dream                               |
| Jacksonville          | WLAS | 910  | Coast, Dream                               |
| Lexington             | WLXN | 1440 | Coast                                      |
| Salisbury             | WSTP | 1490 | Coast                                      |
| Southern Pines        | WEEB | 990  | Coast, Dream                               |
| Statesville           | WSIC | 1400 | Coast                                      |
| Wilmington            | WMFD | 630  | Coast, Dream                               |
| <b>NORTH DAKOTA</b>   |      |      |  |
| Fargo                 | WDay | 570  | Coast (3 - 5 AM)                           |
| Grand Forks           | KXXL | 1440 | Coast                                      |
| <b>OHIO</b>           |      |      |  |
| Canton                | WCER | 900  | Coast, Dream                               |
| Cleveland             | WTAM | 1100 | Coast, Dream (2 - 5 AM)                    |
| Mansfield             | WMAN | 1400 | Coast, Dream                               |
| Springfield           | WBLY | 1600 | Coast                                      |
| Steubenville          | WSTV | 1340 | Coast                                      |
| Youngstown            | WKBN | 570  | Coast, Dream (2 - 5 AM)                    |
| <b>OKLAHOMA</b>       |      |      |  |
| Bartlesville          | KWON | 1400 | Coast, Dream                               |
| McAlester             | KTMC | 1400 | Coast, Dream                               |
| Oklahoma City         | WKY  | 930  | Coast, Dream (Coast 3 - 6 AM, Dream 10 PM) |
| <b>OREGON</b>         |      |      |  |
| Baker City            | KBKR | 1490 | Coast, Dream                               |
| Bend                  | KBND | 1110 | Coast                                      |
| Coos Bay              | KHSN | 1230 | Coast, Dream                               |
| Eugene                | KPNW | 1120 | Coast, Dream                               |
| Klamath Falls         | KAGO | 1150 | Coast, Dream                               |
| La Grande             | KLBM | 1450 | Coast, Dream                               |
| Portland              | KEX  | 1190 | Coast, Dream                               |
| Roseburg              | KTBR | 950  | Coast, Dream                               |
| Tillamook             | KBMD | 1590 | Coast, Dream                               |
| <b>PENNSYLVANIA</b>   |      |      |  |
| Allentown             | WAEB | 790  | Coast, Dream (Only Weekends?)              |
| Beaver Falls          | WBVP | 1230 | Coast, Dream (Dream Tues 10pm)             |
| Bedford               | WAYC | 1310 | Coast                                      |
| Erie                  | WFLP | 1330 | Coast, Dream                               |
| Milton                | WMLP | 1380 | Coast                                      |
| Oil City              | WOYL | 1340 | Coast                                      |
| Pittston              | WARD | 1550 | Dream (Dropped ??)                         |
| Reading               | WEEU | 850  | Coast, Dream                               |
| <b>SOUTH CAROLINA</b> |      |      |  |
| Charleston            | WTMA | 1250 | Coast, Dream                               |
| Columbia              | WVOC | 560  | Coast, Dream                               |
| Florence              | WJMX | 970  | Coast, Dream                               |
| Greenville            | WFBC | 1330 | Coast, Dream                               |
| Greenwood             | WLMA | 1350 | Coast, Dream                               |
| Spartenburg           | WORD | 910  | Coast, Dream                               |
| Sumter                | WSSC | 1340 | Coast (dropped??)                          |
| <b>SOUTH DAKOTA</b>   |      |      |  |
| Sioux Falls           | KWSN | 1230 | Coast                                      |



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**TENNESSEE**

|            |      |      |              |
|------------|------|------|--------------|
| Jackson    | WTJS | 1390 | Coast        |
| Memphis    | WMC  | 790  | Coast, Dream |
| Waynesboro | WTNR | 930  | Coast, Dream |

**TEXAS**

|             |      |      |                                |
|-------------|------|------|--------------------------------|
| Amarillo    | KPUR | 1440 | Coast                          |
| El Paso     | KTSM | 1380 | Coast, Dream                   |
| Huntsville  | KYLR | 1400 | Coast, Dream                   |
| Houston     | KTRH | 740  | Coast, Dream (1 AM - 4 AM)     |
| Lubbock     | KKAM | 1340 | Coast, Dream                   |
| Lufkin      | KRBA | 1340 | Coast, Dream                   |
| Odessa      | KRIL | 1410 | Coast                          |
| San Antonio | WOAI | 1200 | Coast, Dream (Real Audio, too) |
| Texarkana   | WTWN | 940  | Coast                          |

**UTAH**

|                |      |     |              |
|----------------|------|-----|--------------|
| Blanding       | KUTA | 790 | Coast, Dream |
| Cedar City     | KSUB | 590 | Dream        |
| Salt Lake City | KCNR | 860 | Coast, Dream |
| St. George     | KDXU | 890 | Coast        |

**VERMONT**

|             |      |      |              |
|-------------|------|------|--------------|
| Brattleboro | WKVT | 1490 | Coast        |
| Burlington  | WVMT | 620  | Coast, Dream |

**VIRGINIA**

|             |      |      |              |
|-------------|------|------|--------------|
| Bristol     | WXBQ | 980  | Coast, Dream |
| Front Royal | WFTR | 1450 | Coast        |
| Richmond    | WRVA | 1140 | Coast, Dream |

**WASHINGTON**

|            |      |      |              |
|------------|------|------|--------------|
| Bellingham | KGMI | 790  | Coast        |
| Centralia  | KELA | 1470 | Coast        |
| Ellensburg | KXLE | 1240 | Coast, Dream |
| Moses Lake | KBSN | 1470 | Coast, Dream |
| Pullman    | KQQQ | 650  | Coast        |
| Seattle    | KOMO | 1000 | Coast, Dream |
| Seattle    | KVI  | 570  | Coast, Dream |
| Spokane    | KGA  | 1510 | Coast, Dream |
| Tri-Cities | KONA | 610  | Coast, Dream |
| Vancouver  | KVAN | 1550 | Dream        |
| Wenatchee  | KPQ  | 560  | Coast        |
| Yakima     | KUTI | 980  | Coast, Dream |

**WEST VIRGINIA**

|            |      |      |              |
|------------|------|------|--------------|
| Charleston | WQBE | 950  | Coast, Dream |
| Vienna     | WLTP | 1450 | Coast        |

**WISCONSIN**

|               |      |      |                                   |
|---------------|------|------|-----------------------------------|
| Eau Claire    | WAPP | 1150 | Coast (Sat Only)                  |
| Fond Du Lac   | KFIZ | 1450 | Coast, Dream                      |
| Green Bay     | WGEE | 1360 | Coast, Dream                      |
| Janesville    | WCLO | 1230 | Coast                             |
| Kenosha       | WLIP | 1050 | Coast, Dream (Switched to Music?) |
| La Crosse     | WIZM | 1410 | Coast, Dream                      |
| Madison       | WTDY | 1480 | Coast, Dream (1-4AM M-T, 1-6AM F) |
| Marinette     | WMAM | 570  | Coast                             |
| Milwaukee     | WTMJ | 620  | Coast, Dream (Mid - 5 AM)         |
| Stevens Point | WSPO | 1010 | Coast, Dream                      |
| Wausau        | WXCO | 1230 | Coast                             |
| West Bend     | WBKV | 1470 | Coast, Dream                      |

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**WYOMING**

|             |      |      |              |
|-------------|------|------|--------------|
| Buffalo     | KBBS | 1450 | Dream        |
| Cheyenne    | KRAE | 1480 | Coast, Dream |
| Green River | KUGR | 1490 | Coast        |
| Laramie     | KLDI | 1210 | Coast, Dream |

**VIRGIN ISLANDS**

|            |      |      |              |
|------------|------|------|--------------|
| St. Thomas | WSTA | 1340 | Coast, Dream |
|------------|------|------|--------------|

**CANADA**

**BRITISH COLUMBIA**

|           |      |      |       |
|-----------|------|------|-------|
| Vancouver | CFUN | 1410 | Dream |
|-----------|------|------|-------|

**MANITOBA**

|          |      |      |       |
|----------|------|------|-------|
| Winnipeg | CIFX | 1290 | Dream |
|----------|------|------|-------|

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*High "A" values indicate possible auroral conditions*

**Geomagnetic Summary October 3 1996 through October 17 1996**

GEO - Geomagnetic activity      pca - polar cap absorption  
 maf - major flare              SA - Solar Activity  
 mas - major storm              spe - satellite proton event  
 mis - minor storm              ss - severe storm

| Date  | FLUX | A  | K | SA       | GEO             | OTHER |
|-------|------|----|---|----------|-----------------|-------|
| 10/ 3 | 70   | 9  | 1 | very low | quiet-active    | -     |
| 4     | 69   | 8  | 0 | very low | quiet-unsettled | -     |
| 5     | 69   | 3  | 2 | very low | quiet           | -     |
| 6     | 69   | 3  | 0 | very low | quiet           | -     |
| 7     | 68   | 2  | 2 | very low | quiet           | -     |
| 8     | 68   | 7  | 2 | very low | quiet-unsettled | -     |
| 9     | 68   | 16 | 2 | very low | quiet-mis       | -     |
| 10    | 68   | 8  | 2 | very low | quiet-active    | -     |
| 11    | 67   | 7  | 4 | very low | quiet-active    | -     |
| 12    | 67   | 12 | 2 | very low | quiet-active    | -     |
| 13    | 68   | 11 | 3 | very low | quiet-active    | -     |
| 14    | 69   | 12 | 1 | very low | quiet-active    | -     |
| 15    | 69   | 4  | 1 | very low | -               | -     |
| 16    | 69   | 7  | 0 | very low | quiet-unsettled | -     |
| 10/17 | 69   | 4  | 5 | very low | quiet-mis       | -     |

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